Computation of whole number

Whole numbers

↓

Zero, 1, 2, 3, 4 .....

Natural number

↓

Counting number

↓

1, 2, 3, 4, 5, 6 .....

Smallest whole number

↳ zero

Largest whole number

↳ Infinite

Is -10 whole number

↳ No

No fraction is whole number

Positive integer is whole number

Properties of whole number (5)

↳ Closure property

↳ whole number + whole number = whole number

whole number × whole number = whole number

Sum or product of whole number are always whole number

↳ Commutative law of addition

Add whole numbers in any order give same result.

$3+5=8$

$5+3=8$

↳ Commutative law of multiplication

Multiply two or more whole number in any order give same result

$2\times3\times5=30$

$5\times3\times2=30$

↳ Associative property of addition

eg: 3, 5, 7

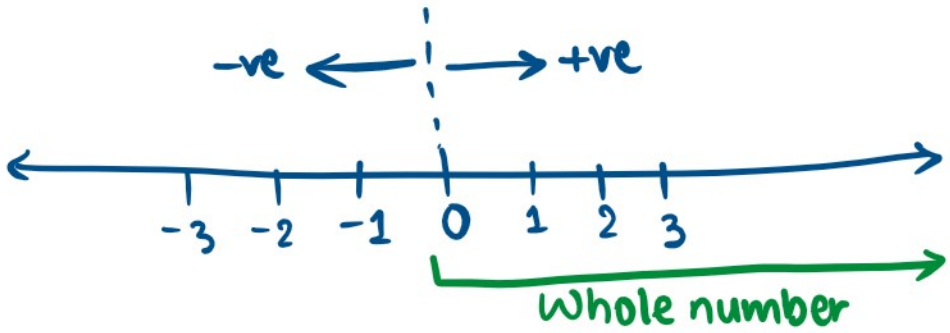
$(3+5)+7 = 3+(5+7)$

↳ Associative property of Multiplication

e.g: 2, 3, 4

$$(2\times3)\times4 = (4\times2)\times3$$

Represent whole number in number line



Is every natural number is whole number?

↳ Yes

Natural no: 1, 2, 3, 4 ...

Whole no: 0, 1, 2, 3, 4 ....

But every whole number is not natural number